



## DC POWER CONNECTORS: KLDX Series

### PCB Mount DC Power Jack

#### Product Features

- 2.0mm and 2.5mm
- Built-In DC On/Off Switch
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications
- CSA/NRTL Certified File No. LR78160
- UL File No. E140125

#### Performance Specifications

##### Materials and Finish

- Plastic Housing:** PBT, UL94V-0 Rated, Black Color
- Center Pin:** Copper Alloy, Nickel Plated
- Contact #1 and #3:** Brass, Tin Plated
- Contact #2:** Phosphor Bronze, Tin Plated

#### Electrical Characteristics

##### Contact Resistance

- Before Durability Test**
- Between Terminals:** 30 milliohms Max.
- Plug to Contacts:** 50 milliohms Max.

##### After Durability Test

- Between Terminals:** 60 milliohms Max.
- Plug to Contacts:** 100 milliohms Max.

**Rated Voltage:** 24V DC

**Rated Current:** 3.5A

**Insulation Resistance:** 100 Megohms Min. at 500V DC

**Dielectric Withstanding Voltage:** 500V AC RMS for 1 Minute

#### Mechanical Characteristics

- Durability Test:** 5000 Cycles
- Insertion Force:** 0.3kg - 2.5kg
- Extraction Force:** 0.3kg - 2.5kg
- Operating Temperature:** -25°C to +85°C

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number



Part Number Builder



#### Series

KLDX-0202 - PCB Mount DC Power Jack

#### Diameter

- A - 2.0mm Center Pin Diameter
- B - 2.5mm Center Pin Diameter

#### Lead Style

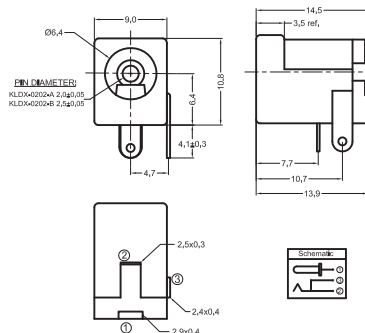
- Blank - Standard Straight
- C - Crimped

Contact Kycon For HT Reflow Compatible and Other Options

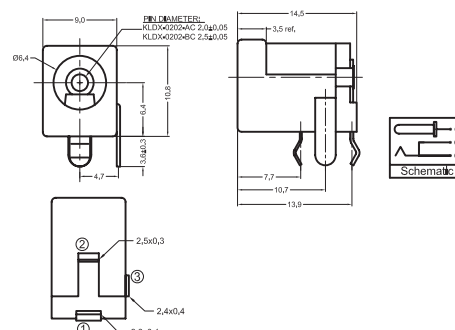
#### KLDX Series

Dimensions in mm

##### KLDX-0202-x



##### KLDX-0202-xC



\*Also available - KLDX-HT Reflow Compatible  
Contact factory for specifications. 888-KYCON-22